

Figure 1: Sample Protected Storage Grid deployment

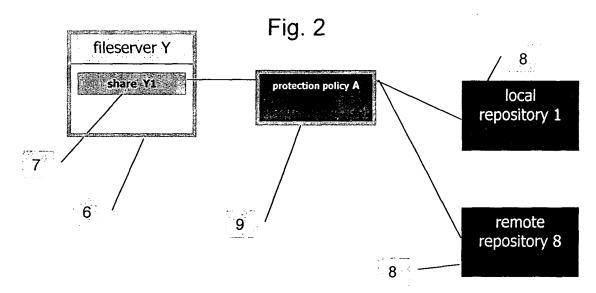


Figure 2: protection policy

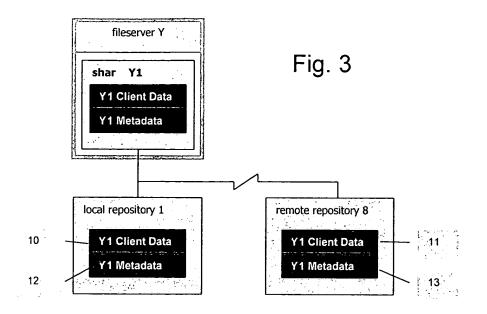


Figure 3: Fileserver Recovery - Before Recovery

Fig. 4

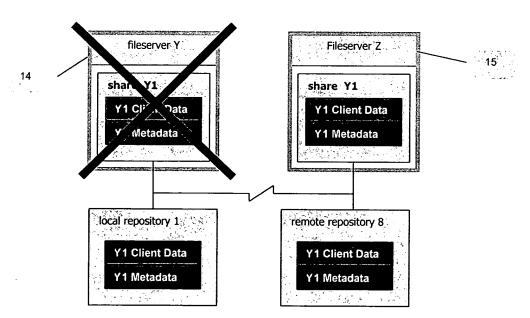


Figure 4: Fileserver Recovery - After Recovery

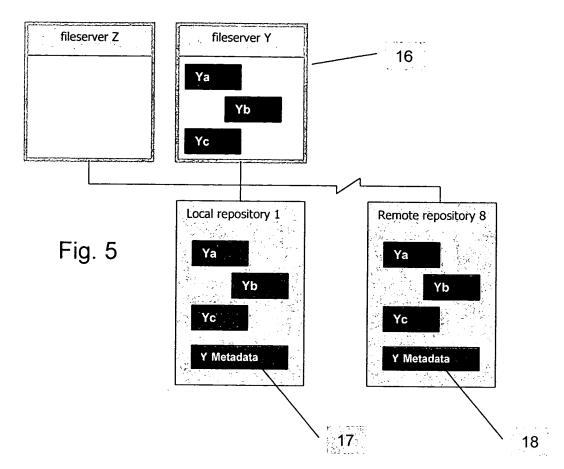


Figure 5: Share Migration - before Migration

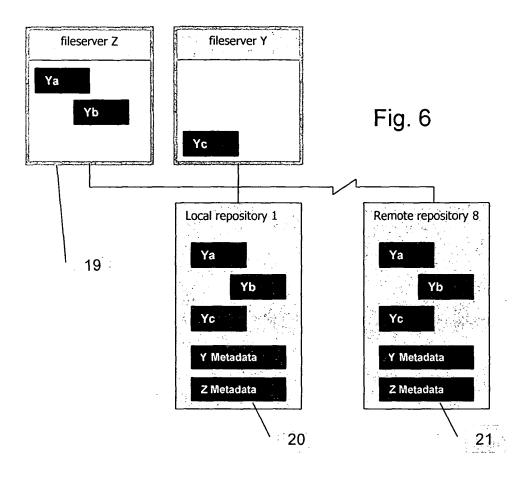


Figure 6: Share Migration - after Migration

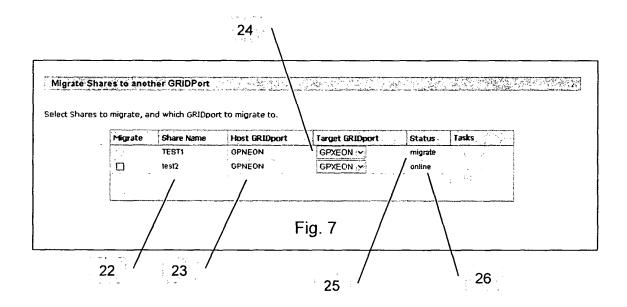


Figure 7: User Interface for share migration

Fig. 8

		General		<u>^</u>
		CIFS Sharing	Policy Identification	, ,
78		NFS Sharing	Share: GP_Marketing/Marcom2	,
		FTP Sharing	Protect this share: 🗸	
		Protection Policy	Protection marcom?	
79				:
			Description: 2 Local, 0 Remote	
		_	User Data: D135	1
80	_			
: 00			Protection Management	
			Backup Frequency, 1 Hour	• •
			The state of the s	
			Replicas: 2	1
			Replicas in New York/Hudson	
			1 Y Replicas in New York/3 Charles Y	
			0 ⊀ Replicas in Boston ⊀	
81				
0.1			Version Management	
			Keep Version History 2	: ;
82			Version Compression: Delta Compression 🗸	
			Version Compaction. 🗹 Keep only one daily version after 7 days	
0.2			Contract to the contract to th	
83	_		Annual An	
			✓ Keep only one monthly version after 12 months	
84			✓ Keep only one version after 2 years	11.
a comment.		Activities (1996 or Activities)	Advanced Options Hide	
85			Purge all versions of files that are deleted from this share 7 days after they are deleted.	
			Caching Level High	
86			Coming cores (1-2). [18]	
OU		<u>i</u>		, 🗡

Fig 8. The present invention's protection policy

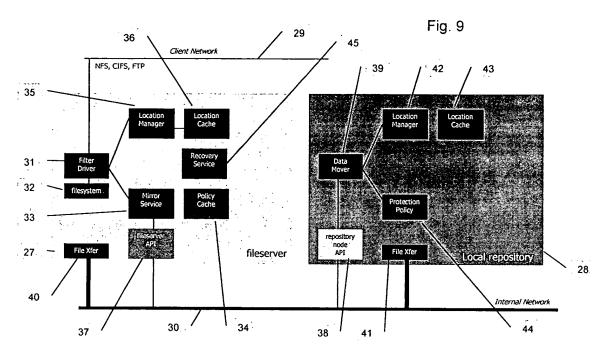


Fig 9. Apparatus and modules used to protect data to a local repository

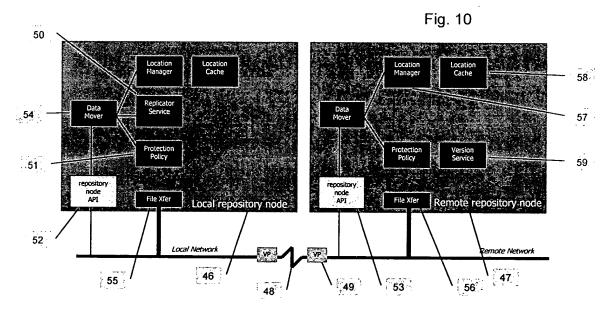


Fig 10. Inter-repository replication

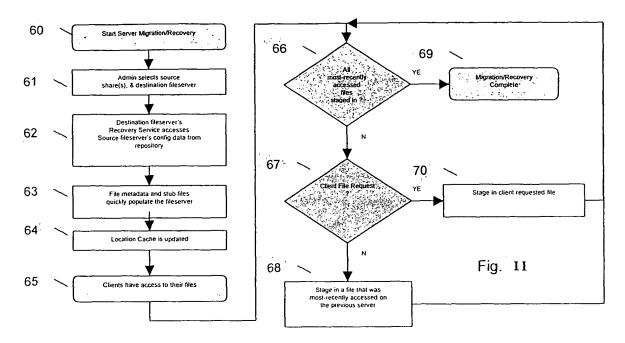


Figure 11: Two-stage Share Migration/Recovery Procedure

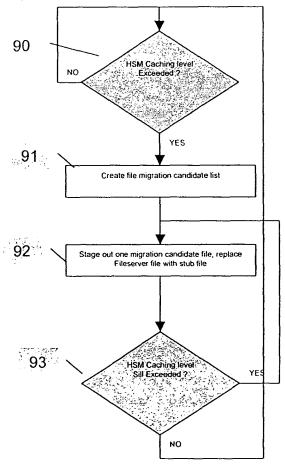


Fig. 12
Figure 12: Fileserver Caching and Stage-out Process

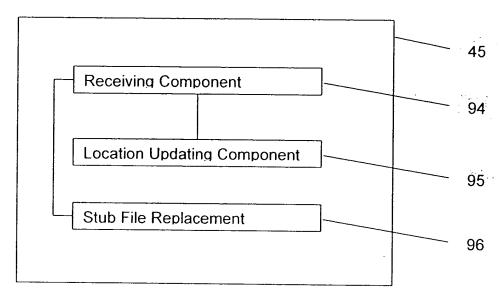


Figure 13: Recovery Service schematic